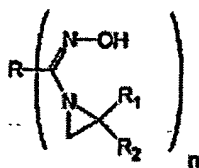


Amendments to the Claims:

The listing of claims below will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) 1-Aziridino-1-hydroxyiminomethyl derivatives of formula I



wherein

R is selected from the group consisting of a single bond and an organic residue group capable of bonding covalently two aziridine oxime groups,

R₁ and R₂ independently of one another are selected from the group consisting of -H, -CH₃, -CN, -COOH, -COOCH₃, -COOC₂H₅, -CONH₂, or -C₆H₅ group, provided that each of R₁ and R₂ is not -H or -CH₃, when R is a bond and n is 2.

2. (Currently amended) The compound of claim 1, wherein R is an organic residue, derived from a molecule, selected from the group consisting of linear or branched, saturated or unsaturated alkanes or heteroalkanes with up to 6 carbon atoms and with up to four hetero atoms, and C₃-C₈ cycloalkanes, that are optionally substituted with lower C₁-C₆ alkyl, lower C₁-C₆ alkoxy, nitro, amino, monosubstituted amino or halogen groups, heterocyclic compounds with 3 to 6 ring atoms and up to four hetero atoms, aromatic compounds with up to 8 ring atoms, optionally substituted with cyano, hydroxy, lower C₁-C₆ alkyl, lower C₁-C₆ alkoxy, nitro, amino, monosubstituted amino,

trihaloalkyl and/or halogen groups, and heteroaryls with 3 to 7 ring atoms and up to four hetero atoms.

3. (Currently amended) The compound of claim 2, wherein ~~the organic residue~~ R is derived from a molecule, selected from the group consisting of methane, ethane, propane, butane, isobutane, pentane, isopentane, neopentane, hexane, azine, cyclopropane, cyclobutane, cyclopentane, cyclohexane, cycloheptane, cyclooctane, pyrrole, pyrroline, imidazole, imidazoline, pyrazolidine, thiazole, thiazoline, thiazolidine, isothiazole, isothiazoline, isothiazolidine, benzothiazole, furan, dihydrofuran, tetrahydrofuran, benzofuran, thiophene, benzothiophene, oxazole, oxazoline, oxazolidine, piperidine, piperazine, pyrimidine, morpholine, dihydropyran, tetrahydropyran, pyridazine, benzene, furoxane, imidazole, imidazoline, imidazolidine, pyrazole, pyrazoline, pyrazolidine, pyridine and pyridine N-oxide, dihydropyridine, pyrimidine, or pyrazine.

4. (Currently amended) The compound of claim 1, wherein R₁ and R₂ independently of one another are selected from the group consisting of -H and -CONH₂, provided that each of R₁ and R₂ is not -H when ~~R is a bond~~ and n is 2.

5. (Previously presented) The compound of claim 1 selected from the group consisting of
2,6-bis(1-aziridino-1-hydroxyiminomethyl)pyridine,
1,4-bis(1-aziridino-1-hydroxyiminomethyl)benzene,
1,4-di(α -2-carbamoylaziridino- α -hydroxyiminomethyl)benzene,
1,3-bis(1-aziridino-1-hydroxyiminomethyl)benzene,
1,3-di(α -2-carbamoylaziridino- α -hydroxyiminomethyl)benzene,
2,6-di(α -2-carbamoylaziridino- α -hydroxyiminomethyl)pyridine,
3,5-bis(1-aziridino-1-hydroxyiminomethyl)pyridine,

2,5-bis(1-aziridino-1-hydroxyiminomethyl)pyridine,
2,4-bis(1-aziridino-1-hydroxyiminomethyl)pyridine,
2,5-bis(1-aziridino-1-hydroxyiminomethyl)furan,
3,4-bis[(aziridiny)-1-hydroxyiminomethyl]furoxane,
bis(2-methoxycarbonylaziridino)glyoxime,
bis(2-carbamoylaziridino)glyoxime,
2,2'-azinobis(1-aziridino-1-hydroxyiminomethyl)propane, and
2,2'-azinobis[1-(2-carbamoylaziridino)-1-hydroxyimino]propane.

Claims 6-8 (Canceled).

9. (Previously presented) A method of treating tumors of or cancerous diseases of at least one of colon, stomach, lung, breast and uterus in humans which comprises administering to a human patient in need of treatment a therapeutically effective amount of a compound of claim 1.

10. (Currently amended) ~~The A method of claim 9 wherein said compound is~~ treating tumors of or cancerous diseases of at least one of colon, stomach, lung, breast and uterus in humans which comprises administering to a human patient in need of treatment a therapeutically effective amount of 1,1'-[1,2-bis(hydroxyimino)-1,2-ethanediyl]bisaziridine.

Claim 11 (Canceled).

12. (Previously presented) The compound of claim 2 wherein said C₃-C₈ cycloalkanes are substituted with at least one substituent selected from the group consisting of lower C₁-C₆ alkyl, lower C₁-C₆ alkoxy, nitro, amino, monosubstituted amino, and halogen groups.

Claims 13-14 (Canceled).